S1	 **	L17	L16	L15	E14	L13	L12	111	1.10	1.9	<u>د</u>	17		Ref#
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(((c23c0168.ipc. or c23c0148.ipc. or "h0110218.ipc" or c23f018.ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("428"/\$).CCLS. OR ("428"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)	("4350578" "4492620" "4786359" "4793975" "4828369" "5006760" "5213658" "5320982") PN. OR ("5904799") URPN	("3730873" "3875068" "4350578" "4492620" "4645218" "4786359" "4793975" "4828369" "4996077" "5006760" "5087341" "5213658" "5252178" "5255153" "5320982" "5423918" "5494522" "5556500" "5904799").PN. OR ("6290806"). URPN.	9 not 10	(((reactor or chamber) adj1 electrode) and (phase adj1 angle)) and (wafer or substrate)	"3860507" pm	((reactor adj1 electrode) same phase) and (wafer or substrate)	((chamber std l. electrode) same phase) and (wafer or substrate)	((chamber adj1 electrode) same phase) and (wafer or substrate)	9 and phase	zervigon.xa. and electrode	7. and phase	(US-3959104-\$ or US-5053246-\$ or US-5180433-\$ or US-5224441-\$ or US-5314539-\$ or US-5364481-\$ or US-5366764-\$ or US-5437725-\$ or US-5567267-\$ or US-5595792-\$ or US-5743966-\$ or US-5792517-\$ or US-5900103-\$ or US-5965250-\$ or US-6044792-\$ or US-6054018-\$ or US-6106737-\$ or US-6118218-\$ or US-6132805-\$ or US-6183816-\$ or US-6190495-\$ or US-6221221-\$ or US-6237526-\$ or US-5817181-\$ or US-5284547-\$ or US-5057185-\$).did. or (US-5102523-\$ or US-698062-\$).did. US-5006192-\$ or US-5300189-\$ or US-5133986-\$ or US-5252178-\$ or US-4572759-\$ or US-5423915-\$ or US-5698062-\$).did.	(phase with (first and second)) and plasma and (118/723r.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	Search Query
US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	USPAT; EPO; JPO; DERWENT ; IBM_TDB	USPAT; EPO, IPO, DERWENT ; IBM_TDB	USPAT; EPO; JPO; DERWENT ; IBM_TDB	EPO, JPO; DERWENT , IBM_TDB	USPAT	USPAT	USPAT	USPAT	USPAT	US-PGPUB, USPAT; EPO; IPO; DERWENT; IBM_TDB	DBs
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(((c23c016\$.ipc. or c23c014\$.ipc. or "h011021\$.ipc" or c23f01\$.ipc.) or (("156"/\$),CCLS. OR ("118"/\$),CCLS. OR ("438"/\$),CCLS. OR ("427"/\$),CCLS. OR ("219"/\$),CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)	((((c23:0)16\$.tpc. or c23:0)14\$.tpc. or "h01l021\$.tpc" or c23:f01\$.tpc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller) same (web and (electrode or anode)))	denes.in. and plasma	(("5576076") or ("5527629") or ("5523124") or ("5458856") or ("5397395") or ("5314539") or ("5130170") or ("5114770")).PN	(((((c23c016\$.ipc. or c23c014\$.ipc. or "h011021\$.ipc" or c23f01\$.ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("118"/\$).CCLS. OR ("118"/\$).CCLS. OR ("427"/\$).CCLS. OR ("427"/\$).CCLS	(((((c23c016\$:ipc. or c23c014\$:pc. or "h01l021\$:pc" or c23f01\$:ipc.) or (("156"/\$),CCLS: OR ("118"/\$),CCLS: OR ("438"/\$),CCLS: OR ("438"/\$),CCLS: OR ("47"/\$),CCLS: OR ("219"/\$),CCLS.)) and (plasma or (corona adj1 discharge) or (toniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller or barrel) same (electrode or anode)) not (((((c23c016\$:ipc. or c23c014\$:ipc. or "h01l021\$:ipc" or c23f015:ipc.) or (("156"/\$),CCLS: OR ("118"/\$),CCLS: OR ("438"/\$),CCLS: OR ("427"/\$),CCLS: OR ("219"/\$). CCLS.)) and (plasma or (corona adj1 discharge) or (toniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller) same (web and (electrode or anode))))) and underside	7 6.	(((c23c016\$ ipc. or c23c014\$ ipc. or "h011021\$ ipc" or c23f01\$ ipc.) or (("156"\$).CCLS. OR ("118"\$).CCLS. OR ("438"\\$),CCLS. OR ("438"\\$),CCLS. OR ("427"\\$).CCLS. OR ("219"\\$).CCLS.)) and (plasma or (corona adj1 discharge) or (iomiz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller) same (electrode or anode)) not ((((c23c016\$ ipc. or c23c014\$ ipc. or "h011021\$ ipc" or c23f01\$ ipc.) or (("156"\\$).CCLS. OR ("118"\\$).CCLS. OR ("438"\\$).CCLS. OR ("427"\\$).CCLS. OR ("219"\\$). CCLS.)) and (plasma or (corona adj1 discharge) or (iomiz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller) same (web and (electrode or anode))))	((((c23e0168. ipc. or c23e0148. ipc. or "h0110218. ipc" or c23f018. ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller) same (web and (electrode or anode)))
US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	USPAT; USOCR	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT : IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT .IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB
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(((c23c0)16\$.jpc. or c23c0)14\$.jpc. or "h011021\$.jpc" or c23f01\$.jpc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)	((((c23c0168.ipc. or c23c0148.ipc. or "h0110218.ipc" or c23f018.ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer) and apovd) and (drum or roller)	((((c23c0168.ipc. or c23c0148.ipc. or "h0110218.ipc" or c23f018.ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("438"/\$).CCLS.) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer) and apcvd) and ((drum or roller) same (electrode or anode or cathode))	(((c23c016\$.ipc. or c23c014\$.ipc. or "h011021\$.ipc" or c23f01\$.ipc.) or (("156"/\$),CCLS. OR ("118"/\$),CCLS. OR ("438"/\$),CCLS. OR ("427"/\$),CCLS. OR ("219"/\$),CCLS.)) and (plasma or (corona adj.1 discharge) or (formiz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer) and apovd	or ("5192585") or ("5180434") or ("5000114") or ("4574733") or ("4513684") or ("4483883") or ("4423701")).PN.	(((((c23c016\$:pc. or c23c014\$.pc. or "h01l021\$.pc" or c23f01\$.pc.) or (("156"/\$).CCLS: OR ("118"/\$).CCLS: OR ("438"/\$).CCLS. OR ("438"/\$).CCLS.) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or writely or article or writely or writely). OR ("155"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("427"/\$		(("3870610") or ("3376208") or ("3057792")).PN	(((((c23c016\$.ipc. or c23c014\$.ipc. or "h011021\$.ipc" or c23f01\$.ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller) same (electrode or anode or electrode))) and ((between and (above or below)) same (electrode or anode or electrode))	((((c23:016\$.ipc. or c23:014\$.ipc. or "h011021\$.ipc" or c23:f01\$.ipc.) or (("156"%).CCLS. OR ("118"%).CCLS. OR ("438"%).CCLS. OR ("438"%).CCLS.) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((between and (above or below)) same (electrode or anode or electrode))	((((c23c016\$.ipc. or c23c014\$.ipc. or "h011021\$.ipc" or c23f01\$.ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((drum or roller) same (electrode or anode or electrode))
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	(((((c23c0168 pc. or c23c0148 pc. or "h0110218 pc" or c23f018 pc.) or (("156"8).CCLS. OR ("118"\$).CCLS. OR ("438"\$).CCLS. OR ("427"\$).CCLS. OR ("219"\$).CCLS.) and (plasma or (corona add discharge) or (ioniz\$ near5 gas)) not (blood or hermeglobin)) and (substrate or article or web or wafer)) and (harrel or drum or roller) and (RF and Mhz) and "flow rate") not ((((c23c016\$ ipc. or c23c014\$ ipc.) or (("156"\$).CCLS.)) and (plasma or (corona add) discharge) or (ioniz\$ near5 gas)) not (blood or hermeglobin)) and (substrate or article or "h011021\$ ipc" or c23c014\$ ipc. or c23c014\$ ipc. or "h011021\$ ipc" or c23c014\$ ipc. or ("156"\$).CCLS. OR ("118"\$).CCLS. OR ("438"\$).CCLS. OR ("219"\$).CCLS.)) and (plasma or (corona add discharge) or (ioniz\$ near5 gas)) not (blood or hermeglobin)) and (substrate or article or web or wafer) and (RF same (electrode and (chamber or vessel or reactor))) same (drum or roller)))	OR ("438"/\$).CCLS. od or hemeglobin)) and 016\$.ipc. or c23c014\$. /\$).CCLS. OR bstrate or article or	((((c23:0)16\$.ipc. or c23:0)14\$.ipc. or "h01l021\$.ipc" or c23:01\$.ipc.) or (("156"\$).CCLS. OR ("118"\$).CCLS. OR ("438"\$).CCLS. OR ("427"\$).CCLS. OR ("219"\$).CCLS.)).and (plasma or (corona adj.1 discharge) or (ioniz\$ near5 gas)) not (blood or hemseglobin)) and (substrate or article or web or wafer)) and (barrel or drum or roller) and (RF and Mhz) and "flow rate"		((((c23:016\$.tpc: or :623:014\$.tpc.; or "h011021\$.tpc" or :623f01\$.tpc.) or (("156"\$).CCLS. OR ("118"\$), CCLS. OR ("438"\$).CCLS. OR ("427"\$).CCLS. OR ("219"\$).CCLS.)) and (plasma or (corona adj1 discharge) or (tomiz\$ near5 gas)) not (blood or herneglobin)) and (substrain or article or web or wafer)) and ((barrel or drum or roller) same (RF and Mhz and phase))	"5364481".pn.	3 39550104":pm	((((c23c016\$.ipc. or c23c014\$.ipc. or "h01l021\$.ipc" or c23f01\$.ipc.) or (("156"/\$).CCLS. OR ("118"/\$).CCLS. OR ("438"/\$).CCLS. OR ("427"/\$).CCLS. OR ("219"/\$).CCLS.)) and (plasma or (corona adj1 discharge) or (ioniz\$ near5 gas)) not (blood or hemeglobin)) and (substrate or article or web or wafer)) and ((RF same (electrode and (chamber or vessel or reactor))) same (drum or roller))
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(C\$,743,966°),PN	(("5529631") or ("5258074") or ("5224441") or ("5180433") or ("5032461") or ("4867101") or ("4664951") or ("4663829") or ("4655167") or ("4438723") or ("4429024") or ("4411972")).PN.	(C3989104)).PM:	("5743966").PN	(("0299754") or ("5224441") or ("4863756") or ("44440107")). PN	(("5529631") or ("5258074") or ("5224441") or ("5180433") or ("5032461") or ("4867101") or ("4664951") or ("4663829") or ("4655167") or ("4438723") or ("4429024") or ("4411972")).PN.	(("5743966") or ("5464667") or ("5437725") or ("5258074") or ("5224441")).PN	(((c23c016\$,ipc. or c23c014\$,ipc. or "h011021\$,ipc") or c23f01\$,ipc.) or (("156"\$),CCLS. OR ("438"\$),CCLS. OR ("438"\$),CCLS. OR ("438"\$),CCLS. OR ("488"\$),CCLS. OR ("488"\$),CCLS. OR ("488"\$),CCLS. OR ("488"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),CCLS. OR ("48"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),CCLS. OR ("48"\$),CCLS. OR ("48"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),CCLS. OR ("48"\$),CCLS. OR ("48"\$),CCLS. OR ("48"\$),CCLS. OR ("18"\$),CCLS. OR ("18"\$),C
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36	156	125	130	7	16	768	52	78
SS7 and phase	((inner and outer) with electrodes) and plasma and (118/723r.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.) not (S55 or S56)	SSS not SS4	(phases with electrodes) and plasma and (118/723r.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	((first and second) adj I (phase)) and plasma and (118/723r.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	(((outer or inner) adj1 (chamber or reactor or vessel)) with electrode) and plasma and ("118"/\$.ccls. or "156"/\$.ccls.) not S51	((outer or inner) same (chamber or reactor or vessel)) and plasma and (1187723r.ccls. or 1187723er.ccls. or 156/345.43-345.47.ccls.) not S51	((outer or inner) adj1 (chamber or reactor or vessel)) and plasma and (118/723r.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	(("3,959,104") or ("5,743,966")).PN. ((outer or inner) adj.) (chamber or reactor or vessel)) and plasma and drum
US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO, DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO, JPO; DERWENT , IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB, USPAT; EPO, JPO, DERWENT ; IBM_TDB	USFAT; EPG, JPO, DERWENT ; IBM_TDB US-PGPUB; USPAT; EPG; JPO; DERWENT ; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB US-PGPUB;
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